



January 12, 2024

Ms. Jolene Lozewski
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020

Re: **Quarterly Sampling Report - 4Q 2023**
Former Quick and Clean Cleaners
NYSDEC Site No. 130198
380 Rockaway Turnpike
Cedarhurst, New York

Dear Ms. Lozewski,

Please find the Quarterly Sampling Report for the fourth Quarter of 2023. Quarterly sampling activities were conducted on November 30, 2023, and included monitoring well gauging, monitoring well sampling, and SSDS effluent sampling.

Below is a summary of both the groundwater and SSDS effluent sampling activities.

Quarterly Reporting Summary

Reporting Period: 4th Quarter of 2023 (October, November & December 2023)

Site Status: Building is in service and occupied by medical office tenant.

Monitoring Performed this Quarter: **October 31, 2023** – Monthly SSDS monitoring
November 30, 2023 – Monthly SSDS monitoring and

- Quarterly monitoring well gauging and sampling.
- Quarterly SSDS effluent sampling.

December 28, 2023 – Monthly SSDS monitoring.



GROUNDWATER

Monitoring Program Summary – Groundwater

No. of Wells:	Four (4) on-site monitoring wells (MW-1 to MW-4)
Gauging Frequency:	Quarterly, for all four (4) onsite monitoring wells
Sampling Frequency:	Quarterly, for all four (4) onsite monitoring wells
Reporting Frequency:	Quarterly
Groundwater Depth:	Approximately 5.62 to 11.10 feet below top of casing (btoc)
GW Flow Direction:	Northwesterly , consistent with previous rounds

Monitoring Well Gauging

Depth to water readings were taken from the four (4) monitoring wells with an electronic interface probe prior to purging the wells for sampling. At the time of sampling, depth to groundwater was measured between 5.62 ft. and 11.10 ft. btoc. The depth to groundwater measurements and well top of casing elevations were used to determine the approximate groundwater flow direction (**Figure 2**).

Groundwater Sampling

The 4th Quarter 2023 groundwater sampling event was performed on November 30, 2023. The groundwater samples were collected from MW-1, MW-2, MW-3, and MW-4 in accordance with the United States Environmental Protection Agency (USEPA) low-flow groundwater sampling procedures. See **Figure 2** for the location of all on-site monitoring wells. A Horiba was used to obtain water quality parameters over a 30 -minute period including pH, conductivity, turbidity, dissolved oxygen (DO), temperature, and ORP for determination of stabilization / confirmation representative groundwater aquifer sample. Groundwater Sampling Logs with water quality parameters for each of the four (4) monitoring wells are attached as **Appendix A**.

Groundwater elevation, as determined from the depth to water readings and casing elevations, was used to approximate the groundwater flow direction for the site (**Figure 2**).

The groundwater samples were picked up by a laboratory dispatched courier and delivered to York Environmental Laboratories (York) of 120 Research Drive, Stratford, CT 06615, a New York State ELAP certified environmental laboratory (ELAP Certification No. 10854 and 12058). The groundwater samples were submitted for laboratory analysis for the Target Compound List (TCL) volatile organic compounds (VOCs) via EPA Method 8260.

Copies of the laboratory reports are attached as **Appendix B**. The laboratory results are summarized and compared to New York State Groundwater standards in **Table 2** and to previous sampling events in **Table 3**.



Groundwater Sampling Results:

The groundwater results were compared to NYSDEC Class GA Groundwater Standards and Guidance Values (TOGS No. 1.1.1). The chlorinated solvents tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2 DCE) and trans-1,2-dichloroethene (trans-1,2 DCE) all have a groundwater standard of 5 ug/L and vinyl chloride (VC) has a standard of 2 ug/L. Quarterly sampling results are summarized in **Table 2** and illustrated on **Figure 4**. Detections above groundwater standards are highlighted on **Table 2** and shown on the Spider tables on **Figure 4**.

Chlorinated VOCs were present above groundwater standards in each of the monitoring wells sampled: MW-1, MW-2, MW-3, and MW-4. To summarize:

- PCE and TCE were detected in both MW-1 and MW-4 with concentrations of 10 ug/L of PCE and TCE in both wells.
- cis-1,2 DCE was present in all MW samples, with concentrations ranging from 170 ug/L in MW-3 to 47,000 ug/L in MW-1.
- trans-1,2 DCE was detected in MW-1 at a concentration of 96 ug/L and in MW-4 at a concentration of 10 ug/L.
- VC was present in all MW samples, with concentrations ranging from 2.4 ug/L in MW-3 to 710 ug/L in MW-1.

Groundwater samples also indicated elevated levels of BTEX (benzene, toluene, ethylbenzene, m,p-Xylene and o-Xylene). Individual BTEX constituents were detected above groundwater standards in all of the Monitoring Wells. Quarterly sampling results are summarized in **Table 2** and illustrated on **Figure 5**. The detections may be due to contamination from one of the nearby gas stations.

SOIL VAPOR

Monitoring Program Summary – Soil Vapor

No. of SSDS Legs:	Two legs connected before the SSDS fan.
Monitoring Frequency:	Monthly: system pressure measurements in each leg and stack condition.
Sampling Frequency:	Quarterly sampling of the SSDS effluent.
Reporting Frequency:	Monthly and quarterly.

SSDS Monthly Measurements

Each month, pressure measurements were taken from each of the two SSDS legs with an electronic pressure probe.

SSDS Effluent Sampling

The 4th Quarter 2023 SSDS Effluent sampling event was performed on November 30, 2023. The soil vapor sample was collected in a 6 Liter Summa Canister from the sampling port on the SSDS on the roof and picked up by laboratory dispatched courier and delivered to York Environmental Laboratories (ELAP Certification Nos. 10854 and 12058) for analysis of VOCs via USEPA Method TO-15. The SSDS effluent



collection procedure involved the connection from the SSDS sampling port to the summa can that used a grab regulator with clean 3/8" poly-tubing. The can was opened upon connection and the sample was collected over an approximate 30 second interval (canister pressure from 30 to 0). The Quarterly Field Sampling Record SSDS Effluent Form is attached as **Appendix D**.

SSDS Effluent Sampling Results:

The results for this event documented sub-slab vapor readings for PCE at 160 ug/m³; TCE at 110 ug/m³; total DCE at 247 ug/m³ and VC was 1.8 ug/m³. Copies of the laboratory reports are attached as **Appendix B**. The laboratory results are summarized in **Table 3** and to previous sampling events in **Table 4**.

CONCLUSIONS

Monitoring and sampling of groundwater and SSDS effluent will continue on a quarterly basis along with monthly monitoring of the SSDS. The next quarterly sampling event is scheduled for on or around February 2024.

Sincerely,

TYLL ENGINEERING AND CONSULTING, PC

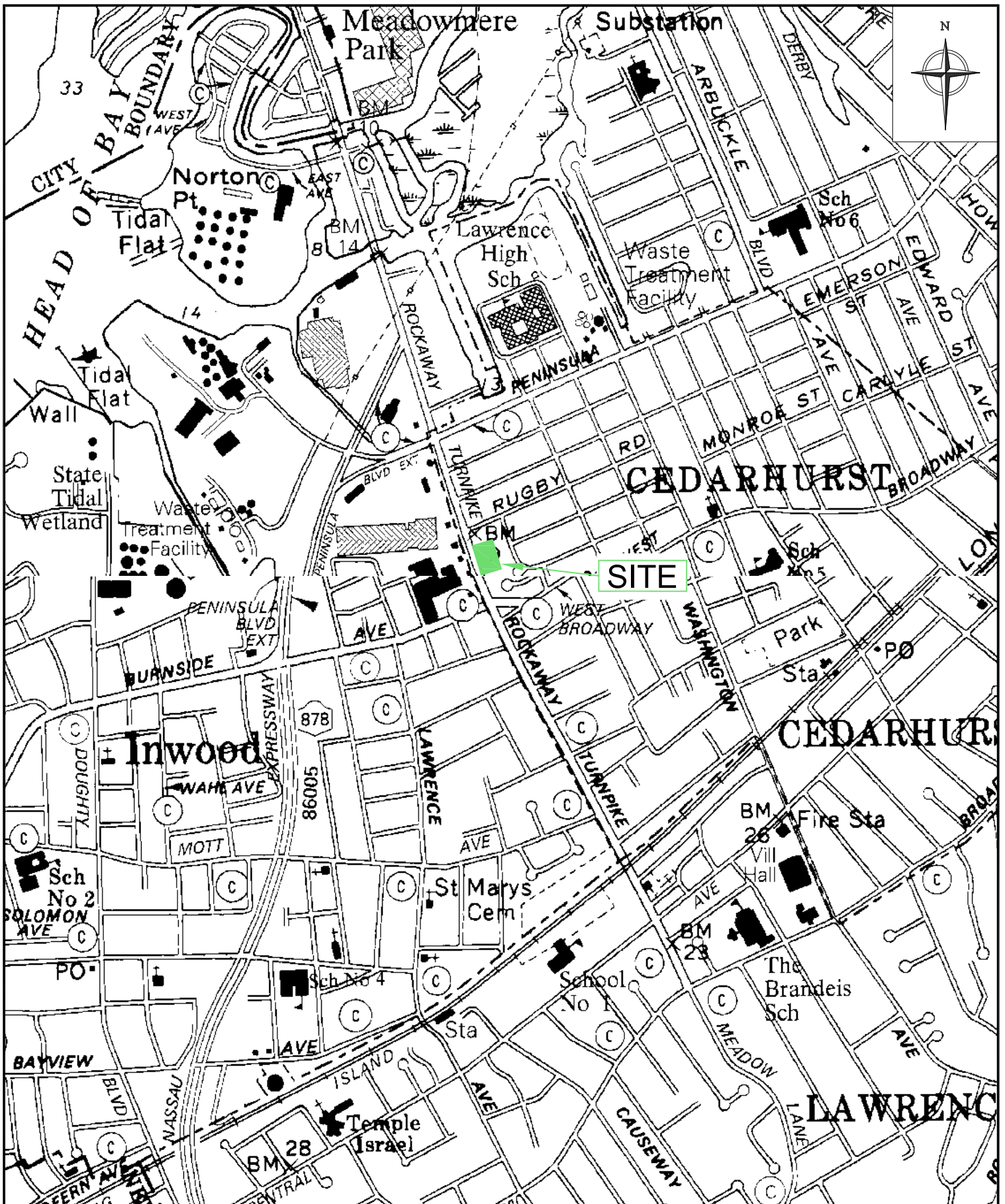
A handwritten signature in black ink, appearing to read 'Karen Tyll', is written over a light blue horizontal line.

Karen Tyll, PE
President

CC Sam Aranbaev (Owner)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

FIGURES





PREPARED BY:



TYLL ENGINEERING & CONSULTING PC

169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

TITLE:

SITE LOCATION MAP

380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:

-

CHKD:

KT

SCALE:

NTS

APPD:

KT

DATE:

10-8-23

REV.:

-

PROJECT NO.:

380R2301

NOTES:

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FIGURE NO.:

1

STARBUCKS/AT&T STORE
(FORMERLY CUMBERLAND FARMS)



MW-2
5.62'

ROCKAWAY TURNPIKE

MW-1
7.62'

EST. GW FLOW


380
ROCKAWAY
TURNPIKE
URGENT CARE
(FORMERLY QUICK
AND CLEAN)

RESIDENTIAL NEIGHBORHOOD

MW-3
10.52'

MW-4
11.10'

LEGEND

 MW-4 11.2' MONITORING WELL AND DTW READINGS

SUNOCO
SERVICE
STATION

PREPARED BY:



**TYLL ENGINEERING &
CONSULTING PC**

169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 Info@tyllengineering.com

TITLE:

SITE PLAN - 4Q 2023

380 ROCKAWAY TURNPIKE
CEDARHURST, NY

DWN:

-

SCALE:

NTS

DATE:

01-12-24

PROJECT NO.:

380R2301

CHKD:

KT

APPD:

KT

REV.:

-

NOTES:

-

FIGURE NO.:

2

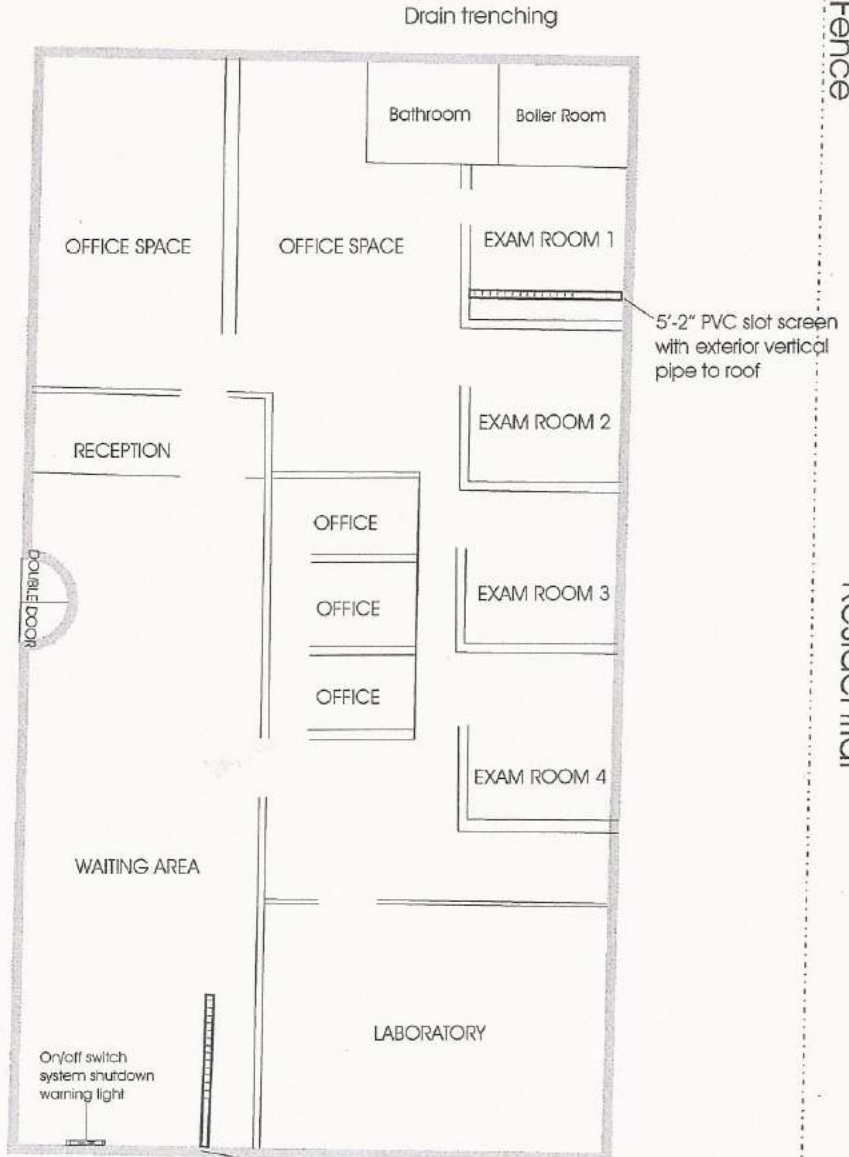
Former Cumberland Farms SS



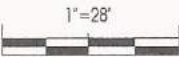
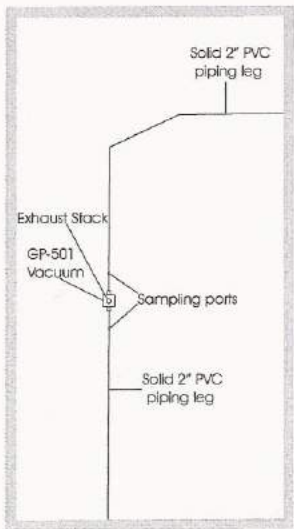
Rockaway Turnpike

Fence

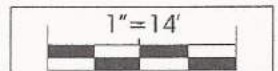
Residential



PLAN VIEW ROOFTOP CONSTRUCTION



5'-2" PVC slot screen with exterior vertical pipe to roof



URGENT-MD
Former Quick and Clean Cleaners
380 Rockaway Turnpike
Cedarhurst, New York

Figure-3
SSDS
As-built

John V. Soderberg P.E
PO Box 263
Stony Brook, New York

STARBUCKS/AT&T STORE
(FORMERLY CUMBERLAND FARMS)



ROCKAWAY TURNPIKE

UTIAL NEIGHBORHOOD

ESTIMATED
GROUNDWATER
FLOW DIRECTION

MW-2
5.62'

Sample ID	MW-2
CVOCs ug/L	
cis-1,3-Dichloropropylene	2
trans-1,3-Dichloropropylene	2
1,2-Dichloroethane	2
Vinyl Chloride	530
Methylene chloride	10
1,1-Dichloroethylene	7
1,2-Dichloropropane	2
1,1,2-Trichloroethane	2

MW-1
7.62'

Sample ID	MW-1
CVOCs ug/L	
cis-1,3-Dichloropropylene	10
trans-1,3-Dichloropropylene	10
1,4-Dichlorobenzene	10
1,2-Dichloroethane	10
Chlorobenzene	10
Tetrachloroethylene	10
trans-1,2-Dichloroethylene	96
1,3-Dichlorobenzene	10
Carbon tetrachloride	10
Chloroform	10
1,1,1-Trichloroethane	10
Bromomethane	10
Chloromethane	10
Chloroethane	10
Vinyl Chloride	710
Methylene chloride	50
1,1-Dichloroethane	10
1,1-Dichloroethylene	50
Trichlorofluoromethane	10
Dichlorodifluoromethane	10
1,2-Dichloropropane	10
1,1,2-Trichloroethane	10
Trichloroethylene	10
1,1,2,2-Tetrachloroethane	10
1,2-Dichlorobenzene	10

380
ROCKAWAY
TURNPIKE
URGENT CARE
(FORMERLY QUICK
AND CLEAN)

Sample ID	MW-3
CVOCs ug/L	
cis-1,3-Dichloropropylene	1
trans-1,3-Dichloropropylene	1
1,2-Dichloroethane	1
Vinyl Chloride	2.4

MW-3
10.52'

Sample ID	MW-4
CVOCs ug/L	
cis-1,3-Dichloropropylene	10
trans-1,3-Dichloropropylene	10
1,4-Dichlorobenzene	10
1,2-Dichloroethane	10
Chlorobenzene	10
Tetrachloroethylene	10
trans-1,2-Dichloroethylene	10
1,3-Dichlorobenzene	10
Carbon tetrachloride	10
Chloroform	10
1,1,1-Trichloroethane	10
Bromomethane	10
Chloromethane	10
Chloroethane	10
Vinyl Chloride	24
Methylene chloride	50
1,1-Dichloroethane	10
1,1-Dichloroethylene	10
Trichlorofluoromethane	10
Dichlorodifluoromethane	10
1,2-Dichloropropane	10
1,1,2-Trichloroethane	10
Trichloroethylene	10
1,1,2,2-Tetrachloroethane	10
1,2-Dichlorobenzene	10

MW-4
11.10'

LEGEND

MW-4 MONITORING WELL AND DTW READINGS
11.2'

NOTE: EXCEEDANCES SHOWN ARE ABOVE NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA

PREPARED BY:



TYLL ENGINEERING & CONSULTING PC

169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

TITLE:

**NOVEMBER 2023 4Q EXCEEDANCES
IN GROUNDWATER - CVOCS
380 ROCKAWAY TURNPIKE
CEDARHURST, NY**

DWN:

-

SCALE:

1" = 20'

DATE:

1-12-24

PROJECT NO.:

380R2301

CHKD:

KT

APPD:

KT

REV.:

-

NOTES:

-

FIGURE NO.:

4



STARBUCKS/AT&T STORE
(FORMERLY CUMBERLAND FARMS)

MW-2
5.62'

Sample ID	MW-2
VOCs - BTEX	ug/L
Benzene	2
Ethyl Benzene	490
o-Xylene	470
p- & m- Xylenes	1,500
Toluene	130
VOCs - BTEX (total)	2,592

ESTIMATED
GROUNDWATER
FLOW DIRECTION

ROCKAWAY TURNPIKE

NEIGHBORHOOD

MW-1
7.62'

Sample ID	MW-1
VOCs - BTEX	ug/L
Benzene	10
Ethyl Benzene	1,000
o-Xylene	3,600
p- & m- Xylenes	7,300
Toluene	5,800
VOCs - BTEX (total)	17,710

380
ROCKAWAY
TURNPIKE
URGENT CARE
(FORMERLY QUICK
AND CLEAN)

Sample ID	MW-3
VOCs - BTEX	ug/L
Benzene	1
Ethyl Benzene	280
o-Xylene	560
p- & m- Xylenes	1,300
Toluene	200
VOCs - BTEX (total)	2,341

MW-3
10.52'

MW-4
11.10'

Sample ID	MW-4
VOCs - BTEX	ug/L
Benzene	10
Ethyl Benzene	1,200
o-Xylene	2,400
p- & m- Xylenes	5,900
Toluene	3,600
VOCs - BTEX (total)	13,110

SUNOCO
SERVICE
STATION

LEGEND

 MW-4 11.2' MONITORING WELL AND DTW READINGS

NOTE: EXCEEDANCES SHOWN ARE ABOVE NYSDEC TOGS STANDARDS AND GUIDANCE VALUES - GA

PREPARED BY:



TYLL ENGINEERING & CONSULTING PC

169 Commack Road, Suite H173, Commack, NY 11725
PHONE: (631) 629-5373 info@tyllengineering.com

TITLE:

**NOVEMBER 2023 4Q EXCEEDANCES
IN GROUNDWATER - BTEX
380 ROCKAWAY TURNPIKE
CEDARHURST, NY**

DWN:

-

SCALE:

NTS

DATE:

1-12-24

PROJECT NO.:

380R2301

CHKD:

KT

APPD:

KT

REV.:

-

NOTES:

-

FIGURE NO.:

5

TABLES



TABLE 1 - GROUNDWATER SAMPLING RESULTS
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC TOGS Standards and Guidance Values - GA	MW-1 23L0034-01 11/30/2023 8:00:00 AM Ground Water		MW-2 23L0034-02 11/30/2023 9:00:00 AM Ground Water		MW-3 23L0034-03 11/30/2023 10:00:00 AM Ground Water		MW-4 23L0034-04 11/30/2023 11:00:00 AM Ground Water		Trip Blank 23L0034-05 11/30/2023 3:00:00 PM Ground Water	
Compound		Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organics, 8260 - Comprehensive		ug/L		ug/L		ug/L		ug/L		ug/L	
Dilution Factor		1000		50		25		50			1
Benzene	1	10	U	2	U	1	U	10	U	0.200	U
cis-1,2-Dichloroethylene	5	47,000	D	1,400	D	170	D	700	D	0.200	U
Ethyl Benzene	5	1,000	D	490	D	280	D	1,200	D	0.200	U
o-Xylene	5	3,600	D	470	D	560	D	2,400	D	0.200	U
p- & m- Xylenes	~	7,300	D	1,500	D	1,300	D	5,900	D	0.500	U
Tetrachloroethylene	5	10	U	2	U	1	U	10	U	0.200	U
Toluene	5	5,800	D	130	D	200	D	3,600	D	0.200	U
trans-1,2-Dichloroethylene	5	96	D	2	U	1	U	10	U	0.200	U
Trichloroethylene	5	10	U	2	U	1	U	10	U	0.200	U
Vinyl Chloride	2	710	D	530	D	2,400	JD	24	JD	0.200	U
Xylenes, Total	5	11,000	D	2,000	D	1,900	D	8,300	D	0.600	U
Total BTEX	16	17,710		2,592		2,341		13,110			
Total VOCs		71,219		6,603		3,861		18,911			

D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

Bold and highlighted = over TOGS standards

TABLE 2 - HISTORIC GROUNDWATER SAMPLING RESULTS - 4Q 2023

Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

Analyte Month	MW-1						MW-2						MW-3						MW-4					
	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs	PCE	TCE	Total DCE	VC	BTEX	Total VOCs
NYSDEC TOGS Standards and Guidance Values - GA	5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L		5 ug/L	5 ug/L	10 ug/L	2 ug/L	16 ug/L	
October 2015	1.4	n/d	9,336.0	190			1.7	4.2	513.0	530			2.2	n/d	92.0	n/d			1.1	n/d	580	45.0		
January 2016	n/d	n/d	12,021.0	160			0.8	6.6	1,802.9	690			0.9	n/d	29.0	n/d			n/d	n/d	180	23.0		
April 2016	0.5	n/d	14,000.0	200			1.0	6.0	2,500.0	310			1.0	n/d	39.0	n/d			1.0	n/d	471	23.0		
July 2016	n/d	n/d	6,307.0	18			n/d	1.0	11,009.0	1,500			1.4	n/d	381.0	n/d			1.1	n/d	761	n/d		
October 2016	0.7	n/d	892.3	n/d			0.5	n/d	6,217.0	1,300			n/d	n/d	10.0	n/d			0.7	n/d	93	n/d		
February 2017	0.4	n/d	2,703.4	n/d			n/d	1.4	7,804.1	810			0.3	0.9	651.8	n/d			0.7	0.9	1500.6	21.0		
April 2017	0.5	n/d	2,418.0	n/d			0.5	3.3	4,480.0	590			0.5	n/d	632.6	n/d			0.9	n/d	1606.6	n/d		
July 2017	0.4	4.7	5,424.0	420			0.5	4.7	3,307.0	510			0.5	n/d	231.3	n/d			0.5	n/d	32	n/d		
October 2017	1.5	9.8	2,305.7	280			0.3	1.4	5,306.7	1,400			0.6	n/d	251.4	n/d			2.2	1.2	2601.4	n/d		
January 2018	0.3	n/d	1,801.7	35			0.3	1.2	12,006.8	1,500			n/d	n/d	140.0	n/d			n/d	n/d	2100	n/d		
April 2018	0.3	n/d	5,212.0	240			1.6	23.0	1,702.2	330			0.6	n/d	67.3	n/d			0.9	0.7	1300.9	26.0		
July 2018	0.77	100.0	7.3	450	3,831.80	5,011.80	0.4	0.9	8,107.2	960	1,589.9	2,228.80	1.4	n/d	35.3	n/d	2,423.0	4,120.30	2.4	n/d	70	n/d	863.20	1,503.70
October 2018	1.6	n/d	8,807.9	220	7,639.80	8,841.50	3.4	32.0	3,304.8	720	778.95	1,173.82	0.4	n/d	26.0	n/d	222.3	552.36	1.1	n/d	450.3	15.0	1,722	2,309.80
January 2019	3.6	3.6	12,022.0	160	5,107.90	6,098.40	n/d	n/d	160.3	78	211.1	332.57	0.4	n/d	3.2	n/d	230.0	567.9	1.1	0.5	730.3	n/d	1,793.10	2,220.63
April 2019	<1	n/d	13,022.0	270	4,923.30	6,075.50	<1	3.2	450.3	100	1633.67	2,298.07	0.4	n/d	0.9	n/d	277.9	843.8	1.0	n/d	300	<1	1,249.90	1,557.48
August 2019	37	n/d	25,120.0	2,100	13,790	18,400			NA	NA			1.9	n/d	50	n/d	3,012.0	5,908	2.1	n/d	26	n/d	2,270.00	4,074.00
October 2019	3.6	n/d	24,092.0	380	11,820	15,639.00	n/d	2.2	1,416	340	14,320	17,689.00	n/d	n/d	230	n/d	2,990.0	5,694.00	0.95	n/d	140	n/d	1,076.70	1,693.30
January 2020	1.3	n/d	13,034.0	450	8,226.40	10,454.50	6.3	n/d	1,001	n/d	13,212.0	15,913.50	0.9	n/d	8.1	n/d	544.0	1,475.50	1.7	15.0	10020	2100.0	2,005.50	3,410.80
April 2020		NA	NA	NA			15.4	15.3	155	n/d	486.24	988.05	n/d	n/d	19.3	n/d	330.7	1,077.45	n/d	n/d	118	n/d	2,994.00	4,078.40
July 2020	1.1	n/d	1,911.0	61	7,505.40	9,951.40	1.8	7.5	12,021	2,300	877	1,516.00	1.4	n/d	40	n/d	1,812.0	3,795.00	0.8	n/d	19	n/d	2,960.66	4,418.76
October 2020	0.8	n/d	3,201.9	36	8,977.30	11,932.30	n/d	n/d	33,044	4,400	4,355	6,326.40	1.1	n/d	200	n/d	1,760.7	3,572.72	1.2	n/d	140	n/d	6,581.80	8,842.90
January 2021		n/d	12,000.0	96	26,735	30,797.00	n/d	n/d	34,000	2,100	4,460.0	6,561.00	n/d	n/d	220	n/d	3,480.0	6,252.00	n/d	n/d	490	22.0	10,990.00	13,488.00
April 2021	1.5	97.0	17,057.0	1,300	12,123	14,933.00	n/d	4.9	6,811	860	1,477.1	2,280.00	1.1	n/d	50	n/d	1,388.0	2,872.00	1.2	n/d	120	n/d	4,112.60	5,343.60
July 2021	13	59.0	5,311.0	870	9,685.70	13,366.70	0.55	6.2	8,038	3,600	1,660.6	2,496.30	1.1	n/d	120	n/d	1,910.0	3,592.80	1.1	n/d	63	n/d	5,351.60	6,822.90
October 2021	2.4	22.0	10,010.0	1,400	8,434.80	10,607.80	8.0	4.0	3,112	1,900	3,026.30	4,788.30	0.84	n/d	6.7	n/d	991.0	2,310.70	3.6	1.4	280.6	n/d	17,109.70	20,098.90
January 2022	2.0	2.9	14,170.0	680	24,617	31,826.00	1.2	8.9	13,065	3,300	2,890.0	6,660.00	1.7	n/d	60	n/d	3,515.6	5,452.10	2.4	0.91	130	n/d	9,386.20	12,047.90
April 2022	n/d	1.6	6,252.0	191	19,918.30	24,955.70	1.1	6.5	10,886	1,070	3,161.7	4,987.50	1.6	n/d	87.9	n/d	2,395.5	5,016.10	1.4	n/d	79.2	6.3	8,239.70	10,364.70
July 2022	n/d	n/d	4,947.4	80	30,067.20	40,423.40	n/d	1.7	34,448	4,250	7,080.0	13,287.30	1.5	1.3	71.8	n/d	2,648.0	6,126.40	1.2	n/d	29.7	n/d	6,037.90	8,292.50
October 2022	n/d	n/d	4,024.0	46.3	14,819.30	18,880.50	n/d	n/d	36,888	4,190	3,766.6	5,675.10	n/d	n/d	163.0	2	1,539.0	2,964.70	n/d	n/d	32.9	3.3	4,119.30	5,920.10
January 2023	n/d	n/d	5,392.9	50.5	11,936	17,239.30	n/d	1.1	27,077	2,810	3,121.2	6,289.50	n/d	n/d	73.5	n/d	276.3	684.50	n/d	n/d	25.3	15.4	3,943.40	5,015.50
April 2023	n/d	n/d	2,936.6	n/d	13,424	16,712	n/d	n/d	347,574	2,080	2,884.0	4,715.50	n/d	n/d	290.3	1.1	681.1	1,590.10	n/d	n/d	54.4	28.9	7,246.40	9,047.40
August 2023	n/d	n/d	2,902.0	32.0	11,911	26,090	0.42	n/d	2,700	410	3,192.0	10,372.00	n/d	n/d	10.0	n/d	5.0	84	n/d	n/d	2.4	n/d	2,041	4,709
November 2023	10	10.0	47,096.0	710.0	17,710	72,219	n/d	n/d	1,402	530	2,592.0	6,652.60	n/d	n/d	171.0	2400	2,341.0	3885.7	10	10.0	710.0	24	13,110	18,961

n/d = non-detect
shaded means that the result is above the guidance values

TABLE 3 - SSDS STACK EMISSIONS CONCENTRATIONS

Former Quick and Clean Cleaners
380 Rockaway Turnpike, Cedarhurst, NY

Sample ID York ID Sampling Date Client Matrix	Effluent SSDS Pipe 23L0043-01 11/30/2023 9:00:00 AM Air	
Compound	Result	Q
Volatile Organics, EPA TO15 Full List	ug/m3	
Dilution Factor	14.19	
Benzene	4.5	U
cis-1,2-Dichloroethylene	240.0	D
Ethyl Benzene	6.2	U
o-Xylene	6.2	D
p- & m- Xylenes	12.0	D
Tetrachloroethylene	160.0	D
Toluene	5.3	D
trans-1,2-Dichloroethylene	5.6	D
Trichloroethylene	110.0	D
Vinyl Chloride	1.8	D

D=result is from an analysis that required a dilution

U=analyte not detected at or above the level indicated

Bold = above the NYSDOH SV 052017 Decision Matrices Minimum Concentrations

TABLE 4 - HISTORIC SSDS STACK EMISSIONS CONCENTRATIONS
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY

(ug/m3)	PCE	TCE	Total DCE	VC
October 2015	96	n/d	360	n/d
January 2016	n/d	n/d	n/d	n/d
April 2016	27	n/d	n/d	n/d
July 2016	640	230	1100	n/d
August 2016	78	62	430	n/d
September 2016	ns	ns	ns	ns
October 2016	120	79	400	n/d
November 2016	310	170	640	n/d
December 2016	250	120	n/d	n/d
January 2017	43	n/d	280	n/d
February 2017	44	31	300	n/d
March 2017	91	70	320	n/d
April 2017	34	n/d	250	n/d
May 2017	53	64	470	n/d
June 2017	54	n/d	300	n/d
July 2017	n/d	n/d	300	n/d
August 2017	60	47	230	n/d
September 2017	56	98	470	n/d
October 2017	69	94	400	n/d
November 2017	74	140	820	n/d
December 2017	27	n/d	n/d	n/d
January 2018	160	75	240	n/d
February 2018	180	68	300	n/d
March 2018	n/d	n/d	n/d	n/d
April 2018	22	n/d	180	n/d
May 2018	49	45	260	n/d
June 2018	43	38	310	n/d
July 2018	110	70	370	n/d
August 2018	380	n/d	330	n/d
October 2018	22	n/d	180	n/d
January 2019	21	n/d	120	n/d
April 2019	19	n/d	160	n/d
August 2019	58.9	64	239.62	n/d
October 2019	68.1	68.1	278.79	1.84
January 2020	30	26.6	97.516	1.06
April 2020	26.6	29.5	121.75	n/d
July 2020	54.1	38	169.26	0.71
September 2020	45.9	39.6	151.12	n/d
October 2020	40.9	41.5	165.46	2.9
January 2021	23.6	32.6	104.947	2.01
April 2021	13.3	14.6	96.132	n/d
July 2021	36	39.5	263.14	0.912
October 2021	31.8	24.2	103.987	n/d
January 2022	93.5	51	142.79	n/d
April 2022	25.3	31	112.36	0.31
July 2022	164	100	256.72	n/d
October 2022	246	90	220.58	2.54
April 2023	88.3	55.8	151.92	n/d
January 2023	186	77.3	193.52	n/d
August 2023	380	240.0	315.20	0.28
November 2023	160	110.0	247.00	1.8

*ns=not sampled

*n/d=non-detect

APPENDIX A
Groundwater Sampling Log
Forms



Monitoring Well Sampling Log

Site #: 130198 Date: 11/30/2023
 Site Location: 380 Rockaway Turnpike, Cedarhurst Personnel: Oscar & Luis
 Well ID: MW-1 Tubing Type: PCH
 Casing Type: PVC Sample Pump: Peristaltic
 Measuring Point: top of casing Monitoring Equipment: In-line probe
 Well Diameter (inches): 2" Screen Setting (ft btoc):
 Well Total Depth (ft btoc): 11.00 Tubing Intake (ft btoc): 9.50
 Depth to Water (btoc): 7.62 Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 3.50 Start Purge Time: 1:30
 1 Volume (gal.): Stop Purge Time: 2:00 SHOULD BE 40 MINUTES MINIMUM
 Purge Device/Tubing: Peristaltic Pump / Flex tubing Total Volume Removed (gal.): 39 gal
 Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters							Volume (if purging)	Remarks
			pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)			
11:30	7.62	32.0	6.53	0.376	19.5	1.07	15.52	-160	1L		
11:40		32.0	6.37	0.365	4.8	0.00	15.73	-185	1L		
11:50		32.0	6.36	0.547	3.7	0.00	15.79	-189	1L		
12:00	7.55	32.0	6.60	0.343	3.2	0.00	15.84	-182	1L		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
12:00	7.55	32.0	6.60	0.343	3.2	0.00	15.84	-182	

Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is < 50 ntus	±10% or < 0.5	± 3%	±10	
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Stabilization (Yes/No)

Sample Time: Sample Analyses: TCL VOCs

ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Celsius
 ml/min milliliters per minute mg/L milligrams per liter mV millivolts
 mS/cm milliseimens per centimeter

Monitoring Well Sampling Log

Site #: 130198 Date: 11/30/2027
 Site Location: 380 Rockaway Turnpike, Cedarhurst Personnel: ASGH + WIT
 Well ID: MW-2 Tubing Type: Poly flex
 Casing Type: RVC Sample Pump: Peristaltic pump
 Measuring Point: top of casing Monitoring Equipment: In-line probe
 Well Diameter (inches): 2" Screen Setting (ft btoc):
 Well Total Depth (ft btoc): 10.6 Tubing Intake (ft btoc): 7.00
 Depth to Water (btoc): 5.62 Comments:

Well Condition:
 Well Purging Information:

Water Column Length (ft): 5.00 Start Purge Time: 8:30
 1 Volume (gal.): Stop Purge Time: 9:00 SHOULD BE 40 MINUTES MINIMUM
 Purge Device/Tubing: per pump / flex Total Volume Removed (gal.): 3 gal
 Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters							
			pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	Remarks
8:30	5.62	32.0	7.14	0.169	34.3	3.99	13.92	-114	1 L	
8:40		32.0	6.72	0.160	18.2	3.57	14.17	-143	1 L	
8:50		32.0	6.62	0.161	11.8	3.33	14.33	-147	1 L	
9:00	5:59	32.0	6.65	0.162	6.0	3.11	14.32	-141	1 L	

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
9:00	5.59	32.0	6.65	0.162	6.0	3.11	14.32	-141	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is < 50 ntus	±10% or < 0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: Sample Analyses: **TCL VOCs**
 ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Cels
 ml/min milliliters per minute mg/L milligrams per liter mV millivolts
 mS/cm milliseimons per centimeter

Monitoring Well Sampling Log

Site #: 130198	Date: 11/30/2027
Site Location: 380 Rockaway Turnpike, Cedarhurst	Personnel: Oscar & Luis
Well ID: MW-3	Tubing Type: Flex / Poly
Casing Type: PVC	Sample Pump: Peristaltic pump
Measuring Point: top of casing	Monitoring Equipment: Zebra probe
Well Diameter (inches): 2"	Screen Setting (ft btoc):
Well Total Depth (ft btoc): 12.40	Tubing Intake (ft btoc): 11.50
Depth to Water (btoc): 10.52	Comments:

Well Condition:

Well Purging Information:

Water Column Length (ft): 2.00	Start Purge Time: 9:30	
1 Volume (gal.):	Stop Purge Time: 10:00	SHOULD BE 40 MINUTES MINIMUM
Purge Device/Tubing: 2" / Flex Poly	Total Volume Removed (gal.): 3 gal	

Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters							Volume (if purging)	Remarks
			pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)			
9:30	10.52	32.0	6.70	0.595	2.9	2.10	15.29°	-150	1L		
9:40		32.0	6.72	0.591	2.5	1.80	15.35	-148	1L		
9:50		32.0	6.73	0.583	3.8	1.37	15.58	-142	1L		
10:00	10.20	32.0	6.68	0.579	4.4	1.80	15.35	-140	1L		

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
10:00	10.20	32.0	6.68	0.579	4.4	1.80	15.35	-140	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is < 50 ntus	±10% or < 0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time:	Sample Analyses: TCL VOCs				
ft btoc	feet below top of casing	NTU	Nephelometric Turbidity Units	°C	degrees Cels
ml/min	milliliters per minute	mg/L	milligrams per liter	mV	millivolts
mS/cm	milliseimens per centimeter				

Monitoring Well Sampling Log

Site #: 130198 Date: 11/30/2023
 Site Location: 380 Rockaway Turnpike, Cedarhurst Personnel: Dylan & WJS
 Well ID: MW-4 Tubing Type: 2 1/2" Flex
 Casing Type: RVC Sample Pump: Peristaltic pump
 Measuring Point: top of casing Monitoring Equipment: Interface probe
 Well Diameter (inches): 2" Screen Setting (ft btoc): _____
 Well Total Depth (ft btoc): 15.5 Tubing Intake (ft btoc): 13.50
 Depth to Water (btoc): 11.10 Comments: _____

Well Condition: _____
 Well Purging Information:
 Water Column Length (ft): 4.00 Start Purge Time: 10:30
 1 Volume (gal.): _____ Stop Purge Time: 11:00 SHOULD BE 40 MINUTES MINIMUM
 Purge Device/Tubing: Peri / Flex tubing Total Volume Removed (gal.): 3 gal
 Gallons/ft.: 1" dia. = 0.05 gal./ft., 2" dia. = 0.18 gal./ft., 4" dia. = 0.66 gal./ft., 6" dia. = 1.5 gal./ft

Time	Depth to Water (ft btoc)	Pumping Rate (ml/min)	Water Quality Monitoring Parameters							Remarks
			pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Volume (if purging)	
10:50	11.10	32.0	6.68	0.528	11.3	0.89	15.61	-179	1L	
10:40		32.0	6.65	0.548	4.5	0.04	15.93	-211	1L	
10:50		32.0	6.64	0.549	4.2	0.00	15.95	-213	1L	
10:00	11.09	32.0	6.75	0.549	3.6	0.21	15.98	-209	1L	

Stabilization of Parameters (stabilization achieved for three consecutive measurements)

Time (from - to)	Depth to Water (ft btoc)	Pumping Rate (ml/min)	pH	Conductivity (mS/cm)	Turbidity (NTU)	DO (mg/L)	Temp. (°C)	ORP (mV)	Notes
11:00	11.09	32.0	6.75	0.549	3.6	0.21	15.98	-209	
Recommended Stabilization	±0.3	100-500	±0.1	±3%	±10% or < 5 Take sample once turbidity is < 50 ntus	±10% or < 0.5	± 3%	±10	
Stabilization (Yes/No)									

Sample Time: _____ Sample Analyses: TCL VOCs
 ft btoc feet below top of casing NTU Nephelometric Turbidity Units °C degrees Cels
 ml/min milliliters per minute mg/L milligrams per liter mV millivolts
 mS/cm milliselmons per centimeter

APPENDIX B

Laboratory Reports

Monitoring Well Sampling Results SSDS

Effluent Sampling Results





Technical Report

prepared for:

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Report Date: 12/11/2023
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 23L0034

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/11/2023
Client Project ID: 380 Rockaway Turnpike Cedarhurst, NY
York Project (SDG) No.: 23L0034

Tyll Engineering & Consultants, PC
169 Commack Road, Suite H173
Commack NY, 11725
Attention: Karen Tyll

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 01, 2023 and listed below. The project was identified as your project: **380 Rockaway Turnpike Cedarhurst, NY.**

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
23L0034-01	MW-1	Ground Water	11/30/2023	12/01/2023
23L0034-02	MW-2	Ground Water	11/30/2023	12/01/2023
23L0034-03	MW-3	Ground Water	11/30/2023	12/01/2023
23L0034-04	MW-4	Ground Water	11/30/2023	12/01/2023
23L0034-05	Trip blank	Ground Water	11/30/2023	12/01/2023

General Notes for York Project (SDG) No.: 23L0034

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: 

Cassie L. Mosher
Laboratory Manager

Date: 12/11/2023





Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23L0034-01
York Project (SDG) No.: 23L0034 **Client Project ID:** 380 Rockaway Turnpike Cedarhurst, NY **Matrix:** Ground Water **Collection Date/Time:** November 30, 2023 8:00 am **Date Received:** 12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
75-35-4	1,1-Dichloroethylene	50		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
95-63-6	1,2,4-Trimethylbenzene	2100		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
108-67-8	1,3,5-Trimethylbenzene	540		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23L0034-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 8:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	2000	2000	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
78-93-3	2-Butanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
591-78-6	2-Hexanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
67-64-1	Acetone	ND	ICVE	ug/L	50	100	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
107-02-8	Acrolein	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
107-13-1	Acrylonitrile	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
71-43-2	Benzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
74-97-5	Bromochloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
75-27-4	Bromodichloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
75-25-2	Bromoform	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
74-83-9	Bromomethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
75-15-0	Carbon disulfide	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
108-90-7	Chlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
75-00-3	Chloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
67-66-3	Chloroform	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
74-87-3	Chloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA



Sample Information

Client Sample ID: MW-1 **York Sample ID:** 23L0034-01
York Project (SDG) No.: 23L0034 **Client Project ID:** 380 Rockaway Turnpike Cedarhurst, NY **Matrix:** Ground Water **Collection Date/Time:** November 30, 2023 8:00 am **Date Received:** 12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	47000		ug/L	200	500	1000	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/07/2023 09:00	12/07/2023 12:56	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
110-82-7	Cyclohexane	77		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
124-48-1	Dibromochloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
74-95-3	Dibromomethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
100-41-4	Ethyl Benzene	1000		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
98-82-8	Isopropylbenzene	50		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
79-20-9	Methyl acetate	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
108-87-2	Methylcyclohexane	58		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 00:57	SMA
75-09-2	Methylene chloride	ND		ug/L	50	100	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 00:57	SMA
104-51-8	n-Butylbenzene	14	J	ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
103-65-1	n-Propylbenzene	110		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
95-47-6	o-Xylene	3600		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 00:57	SMA
179601-23-1	p- & m- Xylenes	7300		ug/L	25	50	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 00:57	SMA
99-87-6	p-Isopropyltoluene	19	J	ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
135-98-8	sec-Butylbenzene	10	J	ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA
100-42-5	Styrene	110		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 00:57	SMA



Sample Information

Client Sample ID: MW-1

York Sample ID: 23L0034-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 8:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various compounds like tert-Butyl alcohol, Toluene, and Xylenes, Total, along with Surrogate Recoveries.

Sample Information

Client Sample ID: MW-2

York Sample ID: 23L0034-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 9:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table header for Volatile Organics, 8260 - Comprehensive analysis.



Sample Information

Client Sample ID: MW-2

York Sample ID: 23L0034-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 9:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-35-4	1,1-Dichloroethylene	7.0		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
95-63-6	1,2,4-Trimethylbenzene	1000		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/07/2023 09:00	12/07/2023 13:22	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
108-67-8	1,3,5-Trimethylbenzene	290		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA



Sample Information

Client Sample ID: MW-2

York Sample ID: 23L0034-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 9:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	400	400	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
78-93-3	2-Butanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
67-64-1	Acetone	ND	ICVE	ug/L	10	20	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
156-59-2	cis-1,2-Dichloroethylene	1400		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/07/2023 09:00	12/07/2023 13:22	SMA



Sample Information

Client Sample ID: MW-2

York Sample ID: 23L0034-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 9:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
110-82-7	Cyclohexane	55		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
100-41-4	Ethyl Benzene	490		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
98-82-8	Isopropylbenzene	47		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
108-87-2	Methylcyclohexane	39		ug/L	2.0	5.0	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
104-51-8	n-Butylbenzene	6.3		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
103-65-1	n-Propylbenzene	94		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
95-47-6	o-Xylene	470		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 01:23	SMA
179601-23-1	p- & m- Xylenes	1500		ug/L	5.0	10	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 01:23	SMA
99-87-6	p-Isopropyltoluene	7.2		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
135-98-8	sec-Butylbenzene	6.1		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
100-42-5	Styrene	14		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:23	SMA



Sample Information

Client Sample ID: MW-2 **York Sample ID:** 23L0034-02
York Project (SDG) No.: 23L0034 **Client Project ID:** 380 Rockaway Turnpike Cedarhurst, NY **Matrix:** Ground Water **Collection Date/Time:** November 30, 2023 9:00 am **Date Received:** 12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
108-88-3	Toluene	130		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
75-01-4	Vinyl Chloride	530		ug/L	2.0	5.0	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
1330-20-7	Xylenes, Total	2000		ug/L	6.0	15	10	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:23	SMA
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	93.8 %	69-130								
2037-26-5	Surrogate: SURR: Toluene-d8	98.1 %	81-117								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %	79-122								

Sample Information

Client Sample ID: MW-3 **York Sample ID:** 23L0034-03
York Project (SDG) No.: 23L0034 **Client Project ID:** 380 Rockaway Turnpike Cedarhurst, NY **Matrix:** Ground Water **Collection Date/Time:** November 30, 2023 10:00 am **Date Received:** 12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23L0034-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 10:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
95-63-6	1,2,4-Trimethylbenzene	700		ug/L	5.0	12	25	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/07/2023 09:00	12/07/2023 13:49	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
108-67-8	1,3,5-Trimethylbenzene	150		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	200	200	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23L0034-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 10:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-93-3	2-Butanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
591-78-6	2-Hexanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
67-64-1	Acetone	ND	ICVE	ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
107-02-8	Acrolein	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
107-13-1	Acrylonitrile	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
71-43-2	Benzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
74-97-5	Bromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
75-27-4	Bromodichloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
75-25-2	Bromoform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
74-83-9	Bromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
75-15-0	Carbon disulfide	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
108-90-7	Chlorobenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
75-00-3	Chloroethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
67-66-3	Chloroform	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
74-87-3	Chloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
156-59-2	cis-1,2-Dichloroethylene	170		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23L0034-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 10:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	49		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
124-48-1	Dibromochloromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
74-95-3	Dibromomethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
100-41-4	Ethyl Benzene	280		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
98-82-8	Isopropylbenzene	38		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
79-20-9	Methyl acetate	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
108-87-2	Methylcyclohexane	28		ug/L	1.0	2.5	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
75-09-2	Methylene chloride	ND		ug/L	5.0	10	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA
104-51-8	n-Butylbenzene	5.7		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
103-65-1	n-Propylbenzene	91		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
95-47-6	o-Xylene	560		ug/L	5.0	12	25	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/07/2023 09:00	12/07/2023 13:49	SMA
179601-23-1	p- & m- Xylenes	1300		ug/L	12	25	25	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/07/2023 09:00	12/07/2023 13:49	SMA
99-87-6	p-Isopropyltoluene	3.1		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
135-98-8	sec-Butylbenzene	5.0		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
100-42-5	Styrene	19		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-C	12/06/2023 12:30	12/07/2023 01:49	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	2.5	5.0	5	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 01:49	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	1.0	2.5	5	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 01:49	SMA



Sample Information

Client Sample ID: MW-3

York Sample ID: 23L0034-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 10:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, trans-1,4-dichloro-2-butene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Sample Information

Client Sample ID: MW-4

York Sample ID: 23L0034-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 11:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1,1,2-Tetrachloroethane and 1,1,1-Trichloroethane.



Sample Information

Client Sample ID: MW-4

York Sample ID: 23L0034-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 11:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
95-63-6	1,2,4-Trimethylbenzene	1600		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
108-67-8	1,3,5-Trimethylbenzene	400		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	2000	2000	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
78-93-3	2-Butanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA



Sample Information

Client Sample ID: MW-4

York Sample ID: 23L0034-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 11:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
108-10-1	4-Methyl-2-pentanone	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
67-64-1	Acetone	ND	ICVE	ug/L	50	100	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
107-02-8	Acrolein	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
107-13-1	Acrylonitrile	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
71-43-2	Benzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
74-97-5	Bromochloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
75-27-4	Bromodichloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-25-2	Bromoform	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
74-83-9	Bromomethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-15-0	Carbon disulfide	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
108-90-7	Chlorobenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-00-3	Chloroethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
67-66-3	Chloroform	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
74-87-3	Chloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
156-59-2	cis-1,2-Dichloroethylene	700		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
110-82-7	Cyclohexane	120		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA



Sample Information

Client Sample ID: MW-4

York Sample ID: 23L0034-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 11:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
74-95-3	Dibromomethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
100-41-4	Ethyl Benzene	1200		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
98-82-8	Isopropylbenzene	66		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
79-20-9	Methyl acetate	ND		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
108-87-2	Methylcyclohexane	54		ug/L	10	25	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
75-09-2	Methylene chloride	ND		ug/L	50	100	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
104-51-8	n-Butylbenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
103-65-1	n-Propylbenzene	140		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
95-47-6	o-Xylene	2400		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 02:16	SMA
179601-23-1	p- & m- Xylenes	5900		ug/L	25	50	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68	12/06/2023 12:30	12/07/2023 02:16	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
100-42-5	Styrene	82		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	25	50	50	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/07/2023 02:16	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	10	25	50	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/07/2023 02:16	SMA



Sample Information

Client Sample ID: MW-4

York Sample ID: 23L0034-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 11:00 am

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropylene, trans-1,4-dichloro-2-butene, Trichloroethylene, Trichlorofluoromethane, Vinyl Chloride, Xylenes, Total, and Surrogate Recoveries.

Sample Information

Client Sample ID: Trip blank

York Sample ID: 23L0034-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 3:00 pm

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, and 1,1,2,2-Tetrachloroethane.



Sample Information

Client Sample ID: Trip blank

York Sample ID: 23L0034-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 3:00 pm

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA



Sample Information

Client Sample ID: Trip blank

York Sample ID: 23L0034-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 3:00 pm

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
67-64-1	Acetone	ND	ICVE	ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA



Sample Information

Client Sample ID: Trip blank

York Sample ID: 23L0034-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 3:00 pm

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	12/06/2023 12:30	12/06/2023 21:52	SMA
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-	12/06/2023 12:30	12/06/2023 21:52	SMA
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04	12/06/2023 12:30	12/06/2023 21:52	SMA
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA



Sample Information

Client Sample ID: Trip blank

York Sample ID: 23L0034-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

23L0034

380 Rockaway Turnpike Cedarhurst, NY

Ground Water

November 30, 2023 3:00 pm

12/01/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT	12/06/2023 12:30	12/06/2023 21:52	SMA
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	94.7 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			79-122						



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23L0034-01	MW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0034-02	MW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0034-03	MW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0034-04	MW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23L0034-05	Trip blank	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE20	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 20% of expected value).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon current NELAC/TNI Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW -846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.



Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.



Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YOUR INFORMATION

Company: *Hyll Engineering*
 Address: _____
 Phone: *631-629-5373*
 Contact: *Karon Hyll*
 E-mail: _____

Report To:

Company: _____
 Address: _____
 Phone: _____
 Contact: _____
 E-mail: _____

Invoice To:

Company: _____
 Address: _____
 Phone: _____
 Contact: _____
 E-mail: _____

YOUR PROJECT NAME
380 Rectaway Turnpike
Cedarhurst, NY

YOUR PO#: _____

Turn-Around Time

RUSH - Next Day _____
 RUSH - Two Day _____
 RUSH - Three Day _____
 RUSH - Four Day _____
 RUSH - Five Day _____
 Standard (6-9 Day)
 PFAS Standard is 7-10 Days _____

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
T065

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name)

Matrix Codes	Samples From	Report / EDD Type (circle selections)
S - soil / solid	New York	Summary Report
GW - groundwater	New Jersey	CT RCP
DW - drinking water	Connecticut	CT RCP DQ/DUE NYSDEC EQUIS
WW - wastewater	Pennsylvania	QA Report
O - Oil	Other:	CMDP
		Standard Excel EDD
		NY ASP B Package
		Other:

Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
<i>MW-1</i>	<i>11/30/23 8:00</i>	<i>VOCs</i>	<i>3-40 mL</i>	
<i>MW-2</i>	<i>11/30/23 9:00</i>	<i>↓</i>	<i>↓</i>	
<i>MW-3</i>	<i>11/30/23 10:00</i>	<i>↓</i>	<i>↓</i>	
<i>MW-4</i>	<i>11/30/23 11:00</i>	<i>VOCs</i>	<i>3-40 mL</i>	
<i>trip blank</i>				

Comments:

Samples Relinquished by / Company: _____ Date/Time: *12/1/23 12:11:45 AM*

Samples Received by / Company: *Hyll Engineering* Date/Time: *12/1/23 10:45*

Samples Relinquished by / Company: _____ Date/Time: _____

Samples Received by / Company: *Hyll Engineering* Date/Time: *12/1/23 10:45*

Samples Relinquished by / Company: _____ Date/Time: _____

Samples Received by / Company: *Hyll Engineering* Date/Time: *12/1/23 10:45*

Preservation: (check all that apply)
 HCl _____ MeOH _____ HNO3 _____ H2SO4 _____ NaOH _____
 ZnAc _____ Ascorbic Acid _____ Other: _____

Special Instruction: Field Filtered _____ Lab to Filter _____

Date/Time: *12/1/23 11:45*

Temperature: *1.3* Degrees C

**APPENDIX C Monthly
Reports from
4th Quarter 2023**





November 9, 2023

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for October 2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the October 2023 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during October 2023. See below.

Actions taken during the reporting period are as follows:

- On October 31, 2023, PG Environmental visited the Site and completed their first Quarterly inspection along with the monthly inspection of the Site SSDS. They documented their inspection on the attached form. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbeyev, Owner
Jim DeMartinis, Seacliff Environmental
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form
380 Rockaway Turnpike, Cedarhurst, NY
Former Quick & Clean – DEC Site #130198

10/31/2023

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.
If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373


Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	X		If "Yes", call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?		X	If "No", call number above.	
Any alarm conditions observed at the control panel?	X		If "Yes", call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form				

SSDS Part	m/s	FPM/VAC	ft/min	PID (ppm)
North Leg	1.515		292.22	0.0
South Leg	2.705		532.48	0.0
Effluent	3.083		606.89	0.0

Weather: sunny

Printed Name of Person Performing Inspection: Fabricio Yunga

Date/Time of Inspection: 10/31/2023 - 11:30AM


 Signature of Person Performing Inspection:





TYLL ENGINEERING & CONSULTING PC

December 8, 2023

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for November 2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the November 2023 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during November 2023. See below.

Actions taken during the reporting period are as follows:

- On November 30, 2023, PG Environmental visited the Site and completed their second Quarterly inspection along with the monthly inspection of the Site SSDS. They documented their monthly inspection on the attached form and the quarterly inspection under separate cover. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

Karen Tyll, PE
President

cc.: Sam Aranbeyev, Owner
Jim DeMartinis, Seacliff Environmental
Jacquelyn Nealon (NYSDOH)
Charlotte Bethoney (NYSDOH)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form
380 Rockaway Turnpike, Cedarhurst, NY
Former Quick & Clean – DEC Site #130198

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.
If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373

Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If "Yes," call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If "No," call number above.	
Is the Outlet/Power switch on Roof powered on ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	If "No," call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form	<input type="checkbox"/>	<input checked="" type="checkbox"/>		

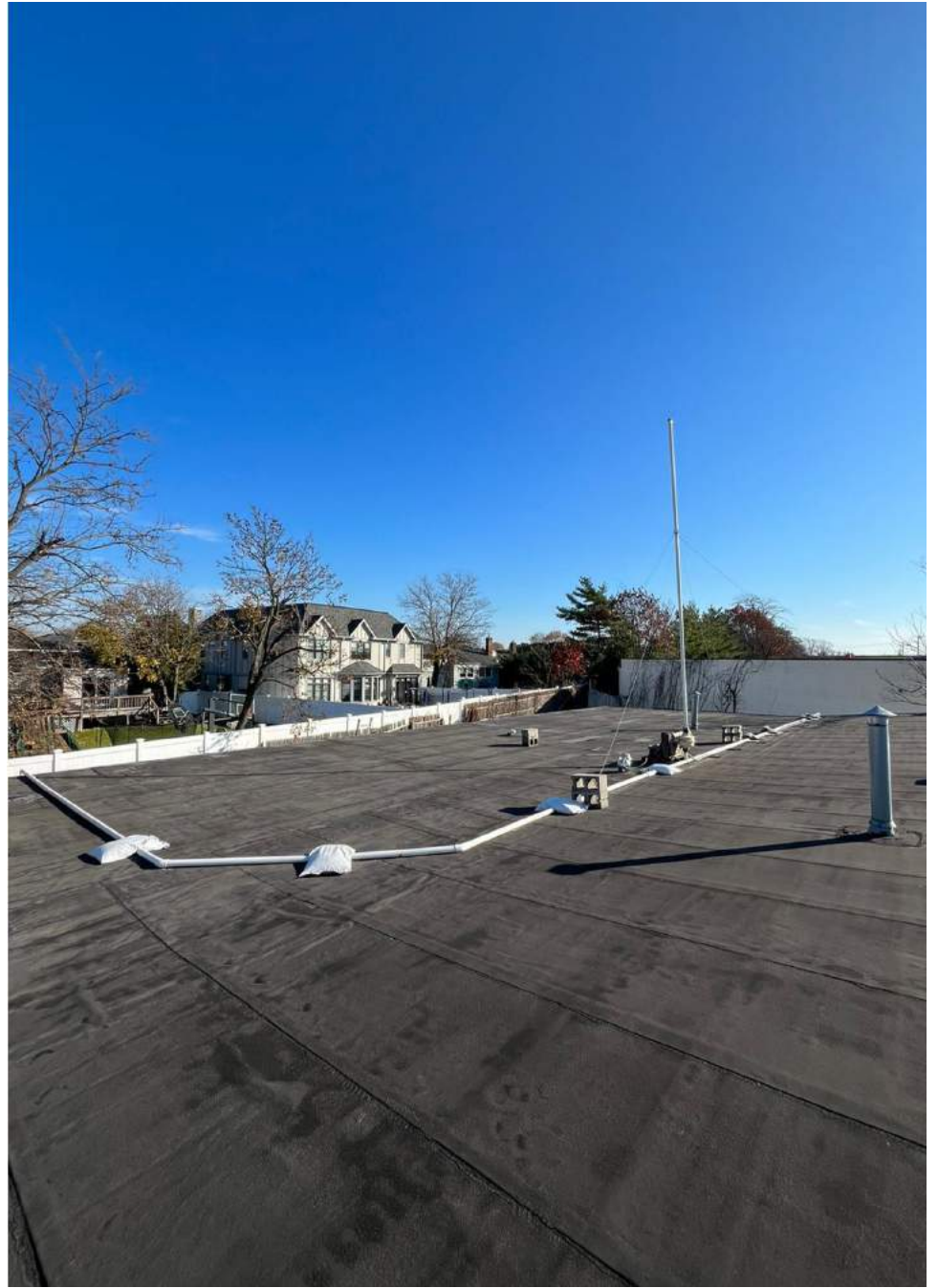
SSDS Part	FPM/VAC	PID (ppm)
North Leg	790.2	0.0
South Leg	1202	0.0
Effluent Effluent	00 1547	0.0

Weather: clear sky 40° F

Printed Name of Person Performing Inspection: Oran Paulin

Date/Time of Inspection: 11/30/2023 1 PM

Signature of Person Performing Inspection: _____





January 8, 2024

Ms. Jolene Lozewski, PG
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway Albany, NY 12233-7020
Tel: (518) 402-9621

Re: Monthly Progress Report for December2023
Former Quick and Clean Cleaners
380 Rockaway Turnpike Cedarhurst, NY
Site No.: 130198

Dear Ms. Lozewski

The following is the December2023 Monthly Progress Report (MPR) of activities for the former Quick and Clean Cleaners Site located at 380 Rockaway Turnpike in Cedarhurst, NY. The MPR was prepared to describe the activities conducted during December2023. See below.

Actions taken during the reporting period are as follows:

- On December28, 2023, PG Environmental visited the Site and completed their second Quarterly inspection along with the monthly inspection of the Site SSDS. They documented their monthly inspection on the attached form and the quarterly inspection under separate cover. A photo of the SSDS Stack is attached.

Sincerely,
TYLL ENGINEERING AND CONSULTING, PC

A handwritten signature in black ink, appearing to read 'Karen Tyll'.

Karen Tyll, PE
President

cc.: Sam Aranbaev (Owner)
Charlotte Bethoney (NYSDOH)
Alali Tamuno (DEC)
Bob Corcoran (DEC)

Sub Slab Depressurization System (SSDS) Monthly Inspection Form

380 Rockaway Turnpike, Cedarhurst, NY

Former Quick & Clean – DEC Site #130198

This system protects public safety and must be operating properly to ensure the safety of occupants of the building.

If you identify any problems with this system, contact the SSDS team at Tyll Engineering at 631-629-5373


Question	No	Yes	Directions	Comments
Any evidence of tampering, vandalism or damage to the SSDS or Exhaust Stack?	X		If "Yes", call number above.	
Inspection of all electrical system components (SSDS Fan connections secure and guide wires still intact)?		X	If "No", call number above.	
Any alarm conditions observed at the control panel?	X		If "Yes", call number above.	
Please Take a photos of the exhaust stack from Roof and attach to this form				

SSDS Part	FPM/VAC	PID (ppm)
North Leg	768.5	0.0
South Leg	1,157	0.0
Effluent	m/s 1,631	0.0

Weather: sunny 41°F

Printed Name of Person Performing Inspection: oscar Peralta

Date/Time of Inspection: 12/28/2023 12:30pm

Signature of Person Performing Inspection: 



APPENDIX D
Quarterly Field Sampling Record
SSDS Effluent



QUARTERLY FIELD SAMPLING RECORD

SSDS EFFLUENT

Date: 11/30/2023

Project: Former Quick and Clean

Site Location: 380 Rockaway Turnpike, Cedarhurst, NY

Sample ID	<u>EFFLUENT</u>	Canister ID	<u>18295</u>
Sampler	<u>Oscar Peralta</u>	Canister Volume	<u>6 liter</u>
Location	<u>vent of blower</u>	Flow Controller ID	<u>n/a</u>
Height	<u>3 feet above roof</u>	Flow Controller Setting	<u>GRAB</u>
Sample Type (sub-slab, soil gas, amb, indoor)	<u>SSDS Effluent</u>		

READING	DATE	TIME	VACUUM
Initial Canister Vacuum	11/30/23	12PM	30
Final Canister Vacuum	11/30/23	12:00:15 P	0

Weather or Ambient Conditions: CLEAR SKY 40 DEGREES

PID at Location: 0.0

Comments: _____

